



Image 2 1633
Attorney Docket No.: 47137/59760

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Peter Eriksson, et al. Examiner: Unassigned
Serial No.: 10/031,410 Art Group: 1633
Filed: June 21, 2002
For: "METHOD FOR SELECTIVE ELECTROFUSION OF
AT LEAST TWO FUSION PARTNERS HAVING CELL-
LIKE MEMBRANES"

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on October 22, 2003.


Crystal Slason

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

a. X Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

a. X Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).

b. A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:

c. The following additional information is provided for the Examiner's consideration:

FEES

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)
(check one box)

a. within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.

b. within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.

c. X before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$240.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
(check one box)

 before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

a. ☐ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

or

b. ☐ See the certification below. No fee is required.

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e)
(check only one box)

The undersigned hereby certifies that

a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VII. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(d)

☐ after the mailing date of a Final Rejection or Notice of Allowance but before the payment of the Issue Fee, and the requisite Certification, petition, and petition fee are included herein.

a. ☐ after the mailing date of a Final Office Action under 37 C.F.R. §1.113

b. ☐ see certificate above

c. ☐ a fee in the amount of \$180.00 is required by 37 CFR §1.17(p)

Attorney Docket No.: 47137/59760
USSN: 10/031,410

d. ___ applicant hereby petitions that this Information Disclosure Statement is considered in accordance with 37 C.F.R. §1.97(d).


___ Enclosed is a check in the amount of \$180.00 for the above-indicated fee. Should any further fee be associated with the submission of this Information Disclosure Statement, the Commissioner is authorized to charge our Deposit Account No. 04-1105.

X No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition, if necessary) and charge the appropriate fee to Deposit Account No. 04-1105.

Respectfully submitted,

Date: October 22, 2003

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	DOCKET: 47137/59760	SERIAL NO.: 10/031,410
	APPLICANT(S): Peter Eriksson, et al.	
	FILING DATE: June 21, 2002	GROUP NO.: 1633

UNITED STATES PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,894,343	01/16/90	Tanaka, et al.	435	301	11/18/87
	AB	4,994,384	02/19/91	Prather, et al.	435	172.2	10/27/87

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
	AC	WO 98/56893	17.12.98	PCT			Yes

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AD	E. Kranz, et al., "Angiosperm Fertilisation, embryo and endosperm development in vitro" Plant Science 142; pages 183-19, 1999.
	AE	Erhard Kranz, et al., "American Society of Plant Physiologists; Endosperm Development after Fusion of Isolated, Single Maize Sperm and Central Cells in Vitro" The Plant Cell, Vol. 10; pages 511-524, April 1998.
	AF	Anette Strombert et al., "Manipulating the genetic identity and biochemical surface properties of individual cells with electric-field-induced fusion"; PNAS Online; 97 (1): pages 7-11, January 4, 2000.
	AG	E. Kranz, et al., "In vitro fertilization of single, isolated gametes of maize mediated by electrofusion" Sexual Plant Reproduction 4:12-16, 1991.

EXAMINER:	DATE:
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